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- 1995-1996 Post-doctoral research fellow, University of Oxford.
- 1994-1995 Visiting scholar, University of Cambridge.
- 1990 PhD, Nanjing University.

Research interests: Nd, Pb... isotope evolution of the oceans; Paleo-environment changes in the Cenozoic and in the Neoproterozoic; Crustal evolution.

Recent Publications

1. Ling H-F et al., 2005. Differing controls over the Cenozoic Pb and Nd isotope evolution of deepwater in the central North Pacific Ocean. *Earth Planet. Sci. Lett.* 232 (2005) 345– 361
2. Y.-H. Jiang, H.-F. Ling et al., 2005. Petrogenesis of a Late Jurassic Peraluminous Volcanic Complex and its High-Mg, Potassic, Quenched Enclaves at Xiangshan, Southeast China. *J Petrology* 46, 1121-1154
3. Ling H.-F. et al., 2005, Comment on “Molybdenum Isotope Evidence for Widespread Anoxia in Mid-Proterozoic Oceans”. *Science* 309: 1017c
4. Ling H.-F. et al., 1997, Evolution of Nd and Pb isotopes in Pacific seawater from ferromanganese crust, *Earth Planet. Sci. Lett.*, 146, 1-12
5. R.K. O’Nions, M. Frank, F. von Blanckenburg, H.-F. Ling, 1998, Secular variation of Nd and Pb isotopes in ferromanganese crusts from the Atlantic, Indian and Pacific Oceans, *Earth Planet Sci. Lett.*, 155, 15-28
6. K.W. Burton, H.-F. Ling, R.K. O’Nions, 1997, Closure of the Central American Isthmus and its impact on North Atlantic Deep Water circulation, *Nature*, 386, 382-385
7. Ling H.-F. et al., 2001, Geochemical characteristics and genesis of Neoproterozoic granitoids in the Northwestern Margin of the Yangtze Block. *Phys. Chem. Earth (A)* 26 (9-10):805-819
8. Y.-H. Jiang, S.-Y. Jiang, H.-F. Ling et al., 2002, Petrology and geochemistry of shoshonitic plutons from the western Kunlun orogenic belt, Xinjiang, northwestern China: implications for graitoid geneses. *Lithos* 63: 165-187.
9. Liu Changshi, Ling Hongfei et al., 1999, An F-rich, Sn-bearing volcanic-intrusive complex in Yanbei, South China, *Economic Geology*, 94, 325-342
10. Lu Z.-L., Ling H.-F. Et al., 2005. Variation of the Fe/Mn ratio of ferromanganese crusts from the Central North Pacific: implication for paleoclimate changes. *Progress in Natural Science* 15(6),530-537
11. Ling H-F et al., 2004, Oxygen isotope geochemistry of phosphorite and dolomite and palaeo-ocean temperature estimation: A case study from the Neoproterozoic Doushantuo Formation, Guizhou province, South China. *Progress in Natural Science* 14(1) 77-84.
12. Feng H-Z, Ling H-F et al., 2004, $\delta^{13}\text{C}_{\text{carb}}$ and Ce_{anom} excursions in the post-glacial Neoproterozoic and Early Cambrian interval in Guizhou, South China. *Progress in Natural Science* 14(2) 188-192.
13. Y-H Jiang, H-F Ling et al., 2002, Enrichment of mantle-derived fluids in the formation process of graitoids: Evidence from the Himalayan granitoids around Kunjirap in the western Qinghai-Tibet Plateau. *Acta Geologica Sinica* 76:

343-350.

14. Sun J-Gi, Hu S-X, Ling H-F Ye Y, 2000, Element geochemistry and petrogenesis of high potassic dike rocks in two types of gold ore fields in northwest Jiandong, Shandong, China. *Chinese Journal of Geochemistry* 19(4): 325-340
15. Shen W-Z, Ling H-F et al., Li W-X, Wang D-Z, 2000, Crust evolution in southeast China: evidence from Nd model ages of granitoids, *Science in China (Series D)* 43, 36-49
16. Shen W-Z, Ling H-F, Li W-X, Wang D-Z, 2000, The thermal history of the miarolitic granite at Xincun, Fujian province, China, *Chinese Science Bulletin* 45, 1991-1995
17. Shen W-Z, Ling H-F et al., 1999, The Nd-Sr isotope study of Mesozoic granitoids in Jiangxi province, *Chinese Sci. Bull.*, 44, 1427-1431
18. Ling H.-F. et al., 2004. REE in Neoproterozoic phosphorite and dolomite from South China: Implications for paleoenvironmental change. *Geochim. Cosmochim. Acta* 68 (Supplement) A337.
19. Ling H.-F. et al., 2003, Pb and Nd isotope evolution of the Central Pacific Ocean over the Cenozoic: implication for contrasting source dominance. *Geochim. Cosmochim. Acta* 67 (18S1) , A254
20. J.-P. Zhai, H.-F. Ling, K. Hu, 1998, Hydrogen and oxygen isotopes of water-rock interaction in Dalongshan uranium deposit, Anhui province, China., *Water-Rock Interaction*, ed. G.B. Arehart., A.A Blackma, Rotterdam
21. Hu SX, Sun JG, Ling HF, et al., 2001. The Lanshantou kyanite-bearing eclogite with coesite inclusions in the Sulu ultrahigh-pressure metamorphic belt and its PTt path. *ACTA GEOL SIN* 75 (4): 409-420
22. Sun JG, Hu SX, Liu JM, Ling HF, 2001. A study of Sr, Nd and O isotopes of the K-rich melanocratic dykes in the late Mesozoic gold field in the Jiandong Peninsula. *ACTA GEOL SIN* 75 (4): 432-444.
23. Lin, C.-M., Ling, H.-F. et al., 2002, Evolution of carbon and oxygen isotopes in Carboniferous marine carbonate rocks in Jiangsu and Anhui provinces. *Chinese J. Geochemistry* 31, 415-423.
24. Zhang, Z.-Y., Ling, H.-F. et al., Sr variation in a ferromanganese crust from the Pacific: A possible proxy of paleoclimate change. *Progress in Natural Sciences* 12 (2002) 387-391 (in Chinese)
25. Ling, H.-F., Shen, W.-Z., Huang, X.-L., 1999, Nd and Sr isotopic compositions of granitoids of Fujian and their implications. *Acta Petrologica Sinica* 15, 255-262. (in Chinese)
26. Ling, H.-F. et al. 2001, Evolution of oceanic Nd isotopes in the Cenozoic and its paleoenvironmental implication. *Geological Review* 47, 287-293. (in Chinese)
27. Ling, H.-F. et al., 2002, Geochemistry of granitic wall-rock alteration in Dayingechuang gold deposit of alteration rock type and Jinqingding gold deposit of quartz-vein type. *Mineral Deposits* 21, 187-199. (in Chinese)